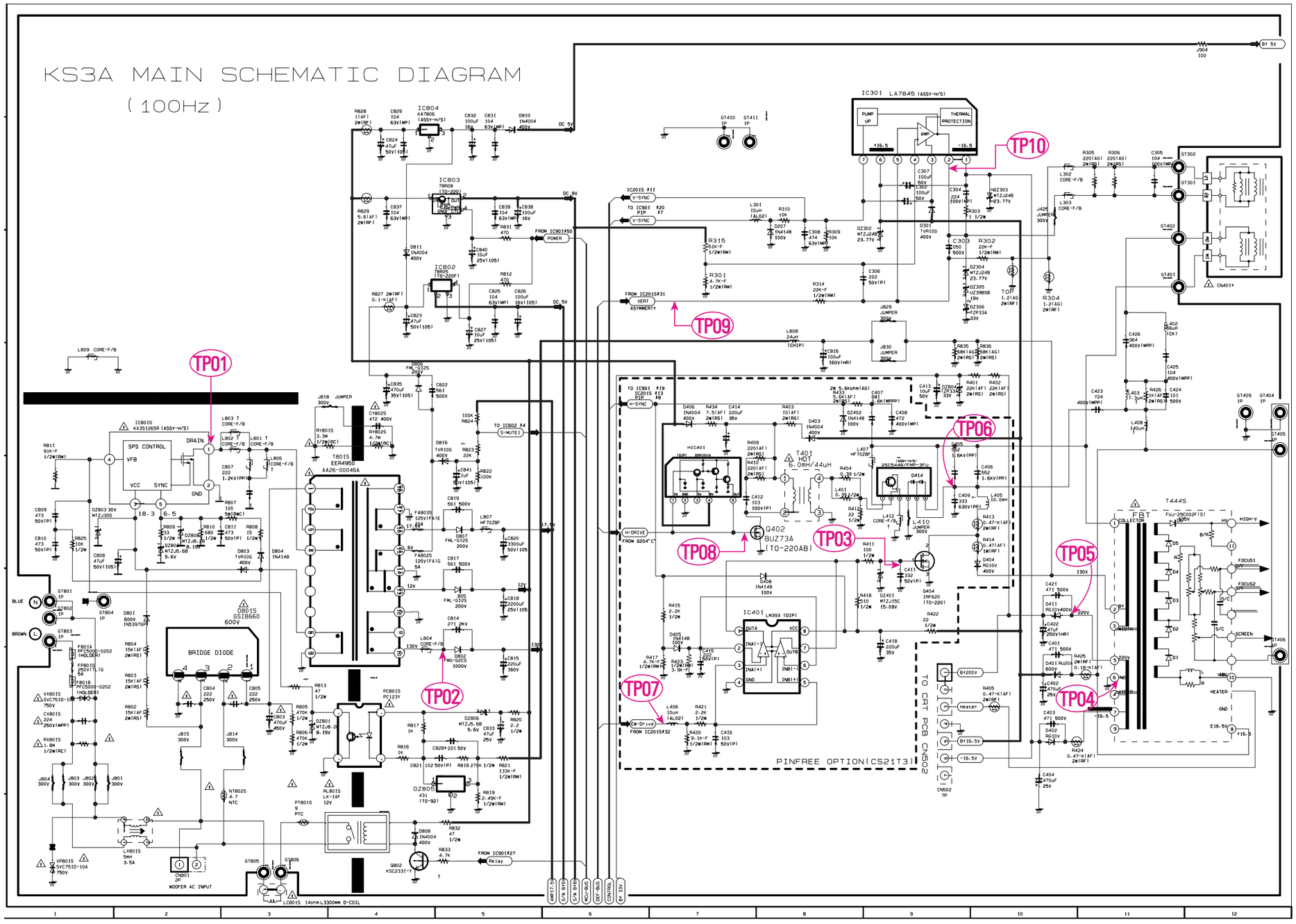
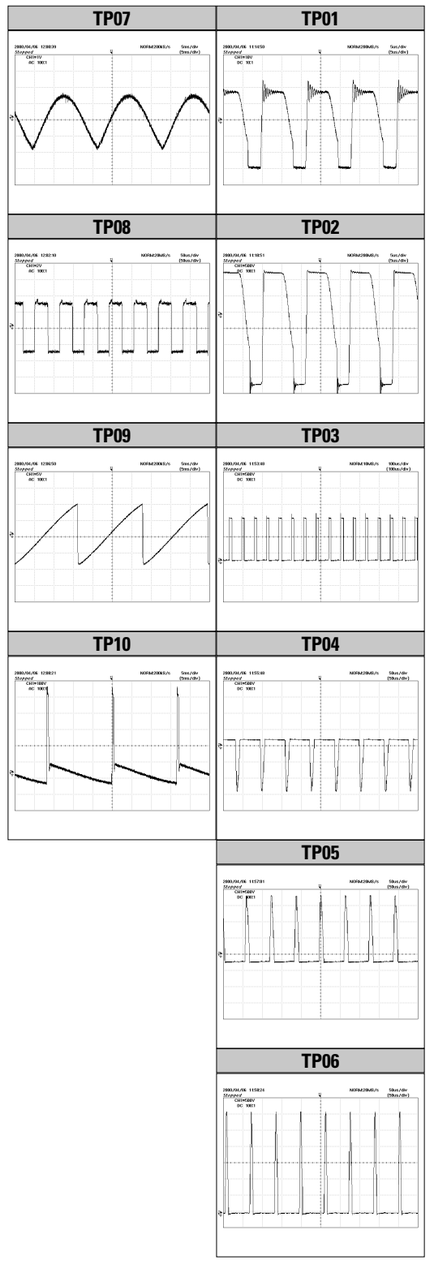
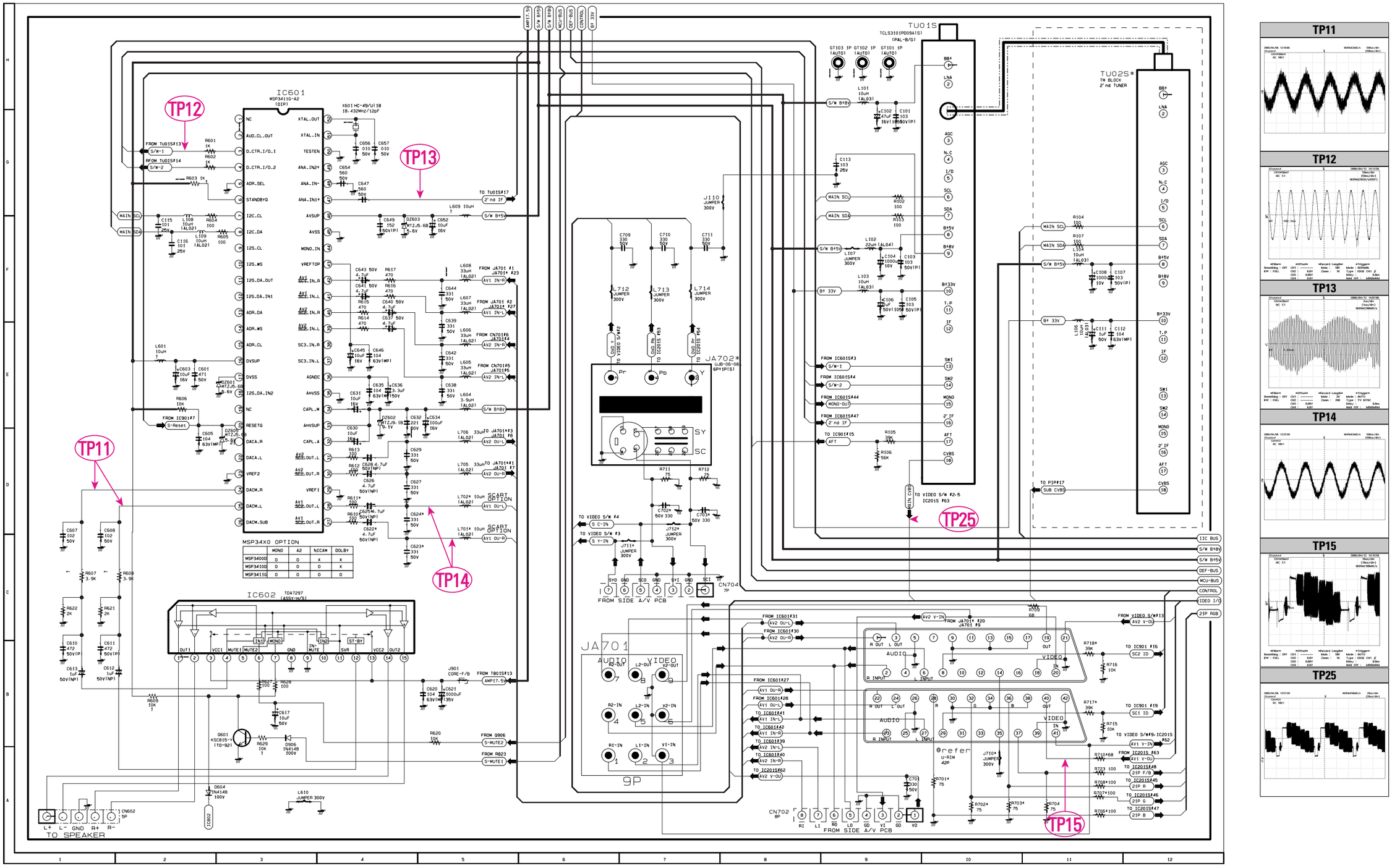
10. Schematic Diagrams

10-1 MAIN 1

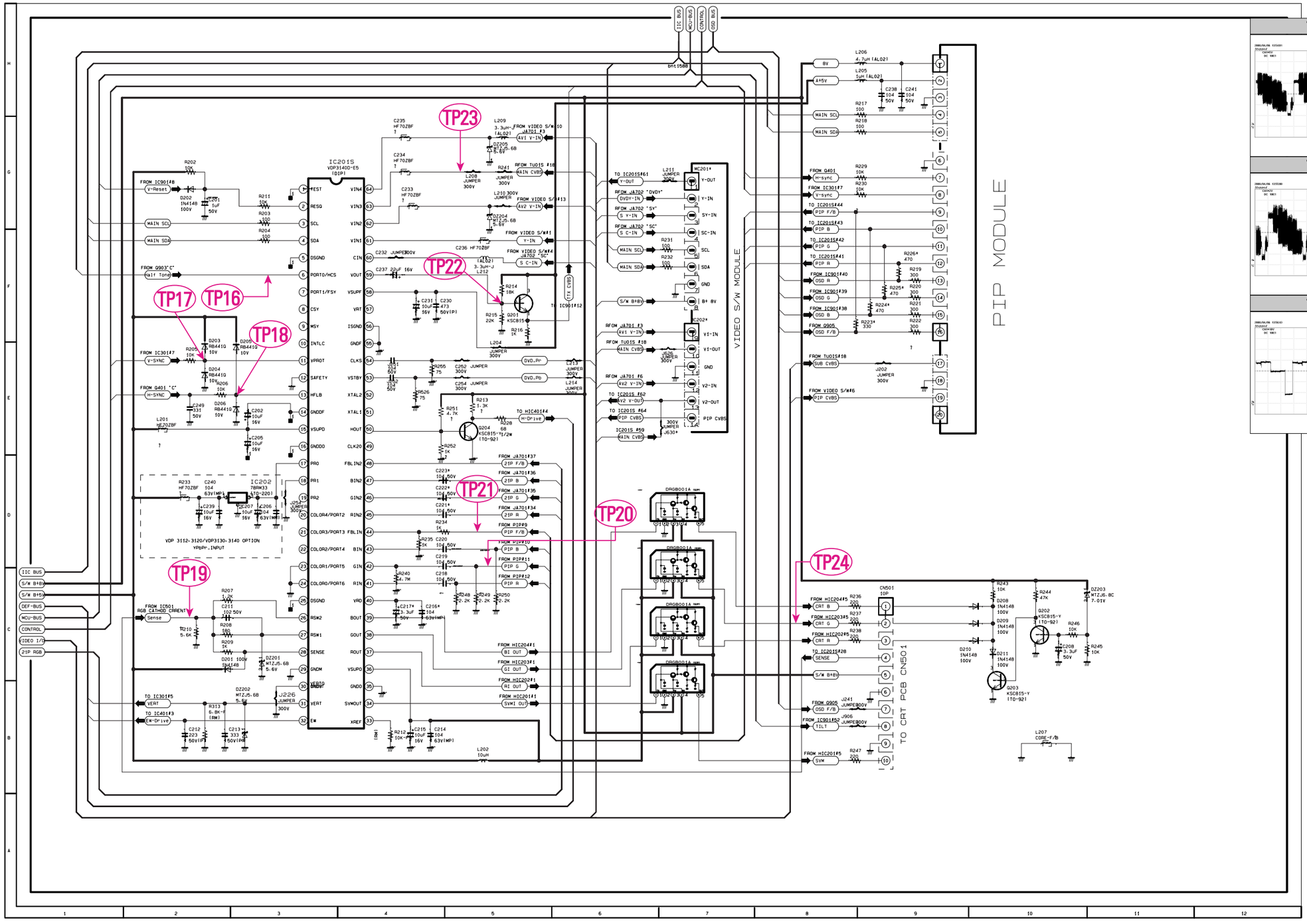




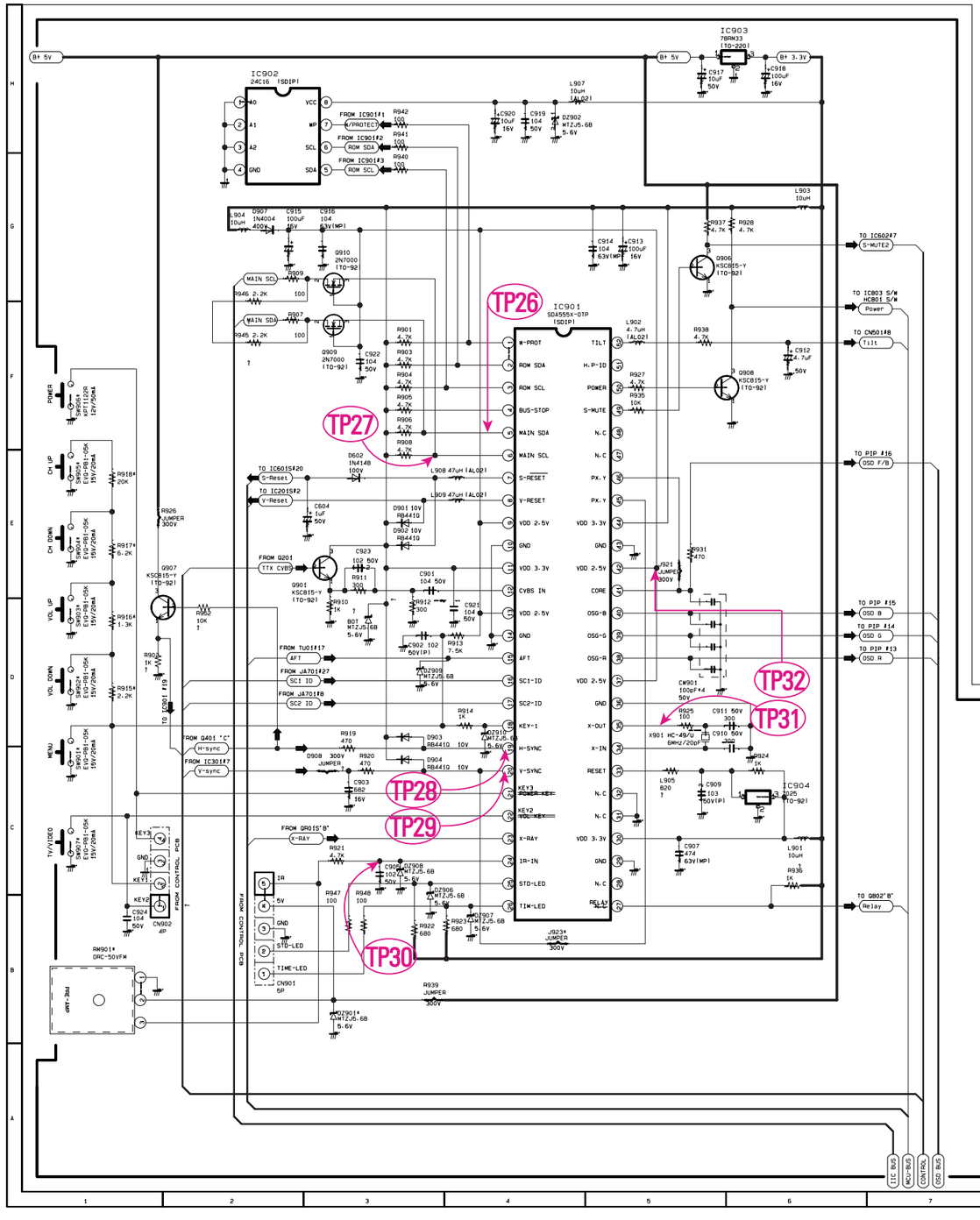
10-2 MAIN 2

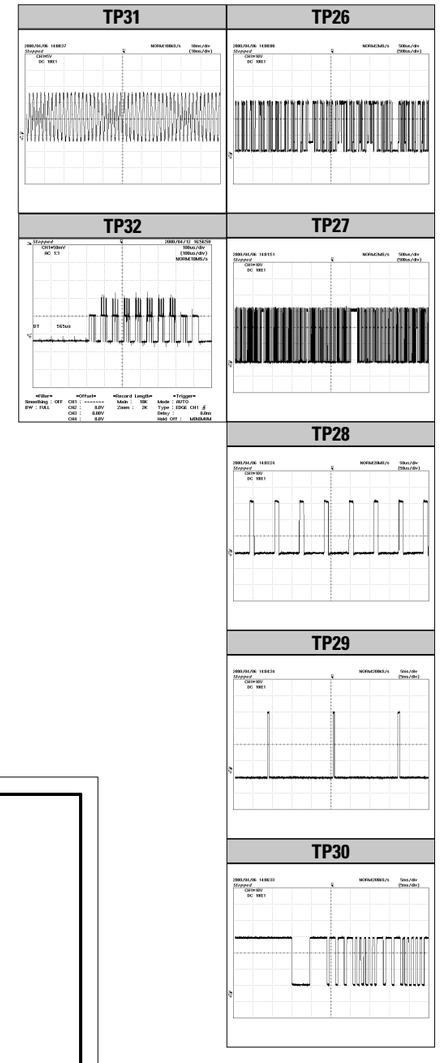

IC601
MSP4410-A2
(DIP)
X601 HC-49/U1B
18.432MHz/12pF
TP11
TP12
TP13
TP14
TP15
TP25
TU01S
TCL5310PD09A(S)
(PAL-B/G)
TU02S*
TM BLOCK
2'nd TUNER
IC602 TDA7297
(ASSY:m/S)
JA701
JA702*
9P
MSP34X0 OPTION
MONO
A2
NICAM
DOLBY
MSP3400D
MSP3410D
MSP3411G
TO SPEAKER
FROM SIDE A/V PCB
TO PIP#17
SUB CVBS
MAIN SCL
MAIN SDA
S/W B+8V
S/W B+5V
B+ 33V
IIC BUS
S/W B+8V
S/W B+5V
DEF-BUS
MCU-BUS
CONTROL
VIDEO I/O
21P RGB

10-3 MAIN3


TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
IC201S
VDP3140D-E5
(DIP)
IC202
78RM33
(TO-220)
IC401
IC501
IC901
VIDEO S/W MODULE
PIP MODULE
TO CRT PCB CN501
IIC BUS
S/W B+B
S/W B+5V
DEF-BUS
MCU-BUS
CONTROL
VIDEO I/O
PIP RGB
VDP 3112-3120/VDP3130-3140 OPTION
YPbPr_INPUT

10-4 MAIN 4

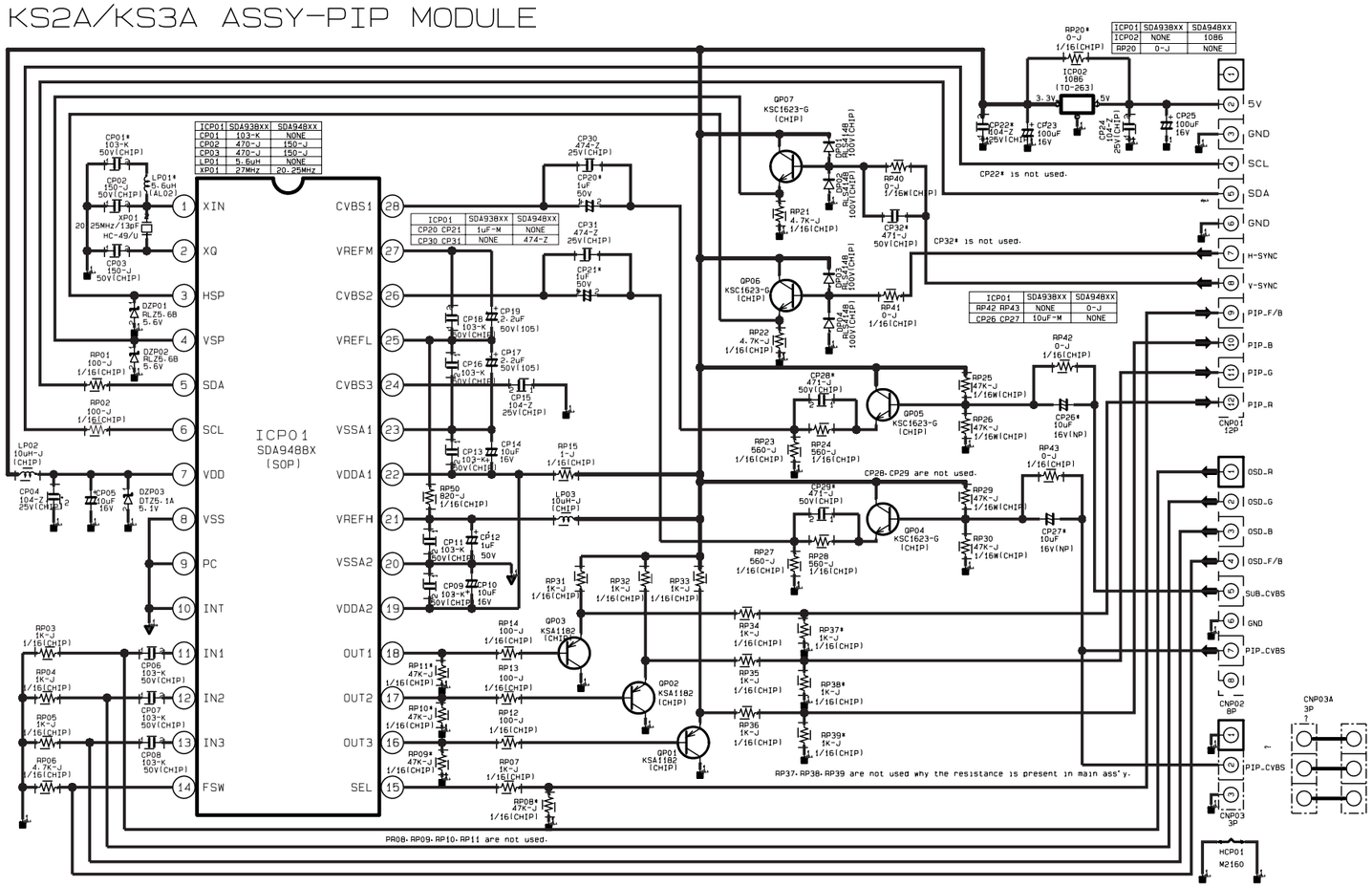

IC902
24C16 (SDIP)
IC903
78RM33
(TO-220)
IC901
SDA555X-DTP
(SDIP)
IC904
7025
(TO-92)
B+ 5V
B+ 3.3V
TP26
TP27
TP28
TP29
TP30
TP31
TP32
FROM IC901#1 V-PROTECT
FROM IC901#2 ROM SDA
FROM IC901#3 ROM SCL
MAIN SCL
MAIN SDA
TO IC6015#20 S-Reset
TO IC2015#2 V-Reset
FROM Q201 TTX CVBS
FROM TU01#17 AFT
FROM JA701#27 SC1 ID
FROM JA701#8 SC2 ID
FROM Q401 "C" H-sync
FROM IC301#7 V-sync
FROM QR01S"B" X-RAY
TO IC6024?7 S-MUTE2
TO IC803 S/W HCB01 S/W Power
TO CN5014B Tilt
TO PIP #16 OSD F/B
TO PIP #15 OSD B
TO PIP #14 OSD G
TO PIP #13 OSD R
TO QB02"B" Relay
TO IC601 #19
FROM CONTROL PCB
I2C BUS
MCU-BUS
CONTROL
OSD BUS
FILE NAME : MAIN
JOB-NO | TEAM | NODE | DESIGN | OPE | EDIT
Dream | KS3A | NC21 | Y-K KIM | | 1999.12.22


TP31
TP26
TP32
TP27
TP28
TP29
TP30

10-5 PIP MODULE, SWITCH MODULE

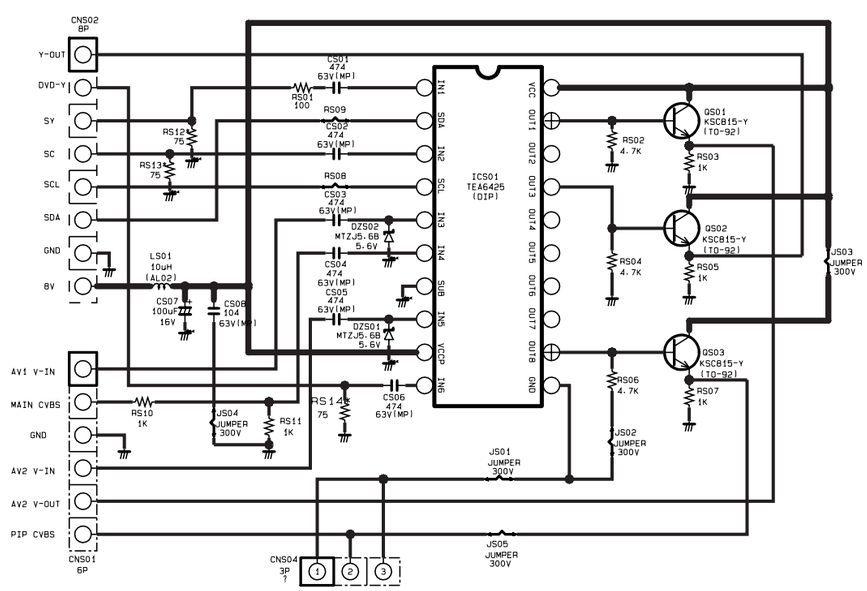
PIP MODULE

KS2A/KS3A ASSY-PIP MODULE



SWITCH MODULE

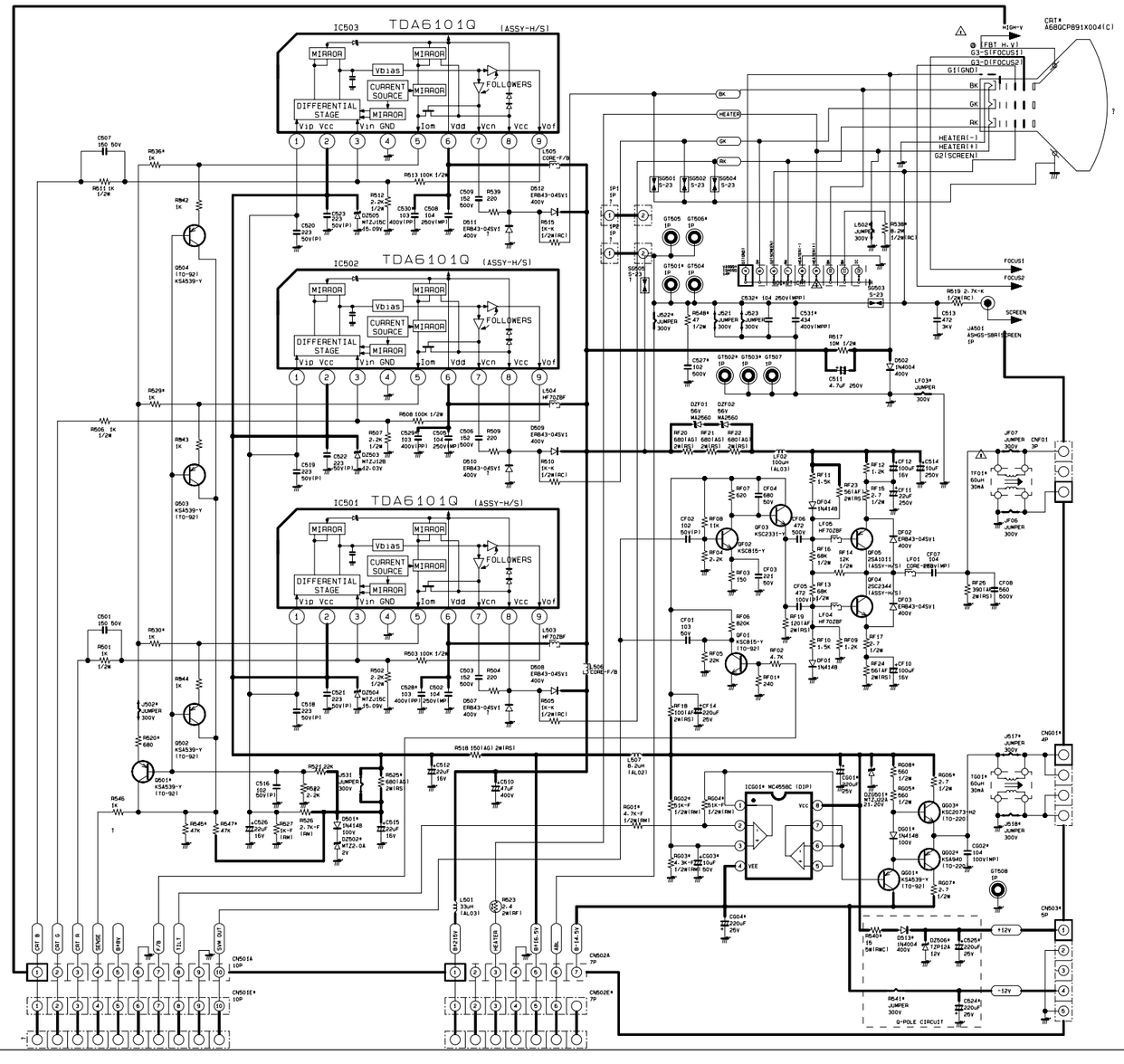
KS2A/KS3A VIDEO S/W MODULE (TEA6425)



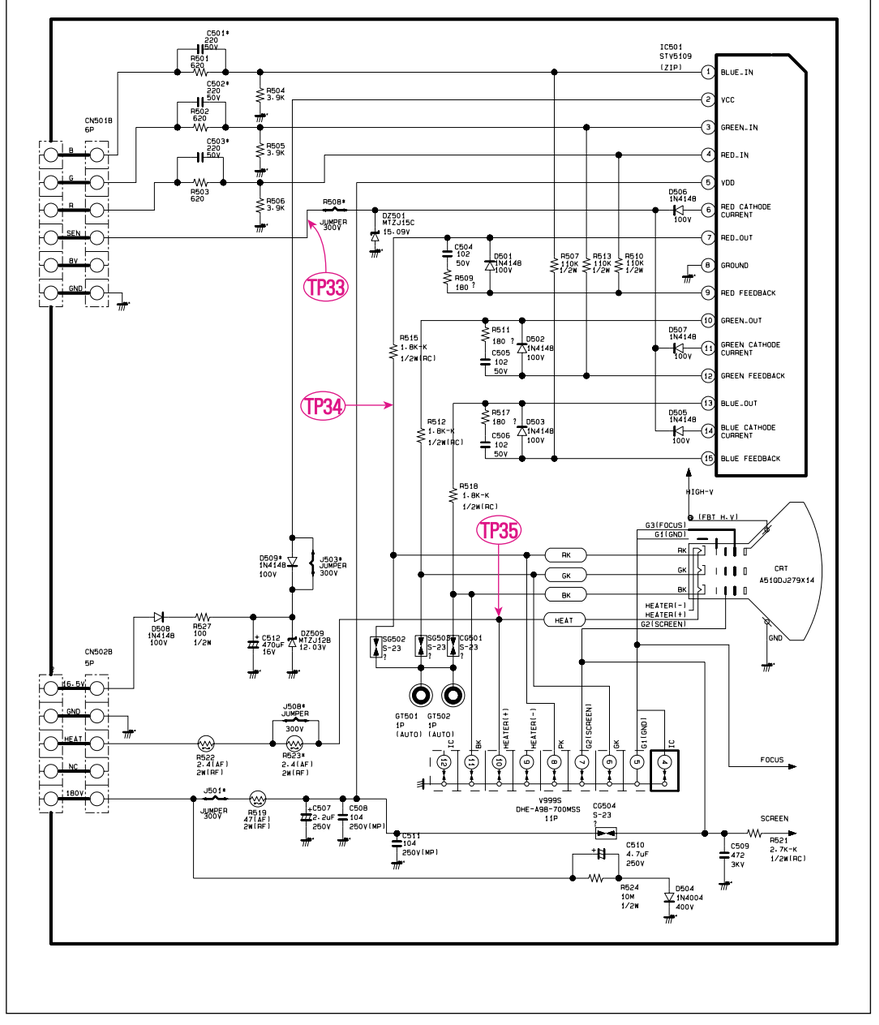
10-6 CRT

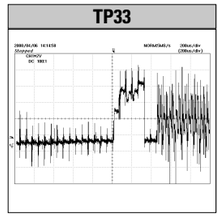
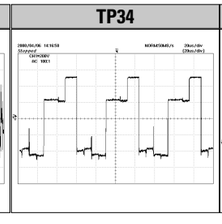
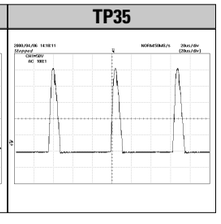
wtih in V/M

CHASSIS : KS3A
MODEL : 50Hz
CRT SCHEMATIC DIAGRAM



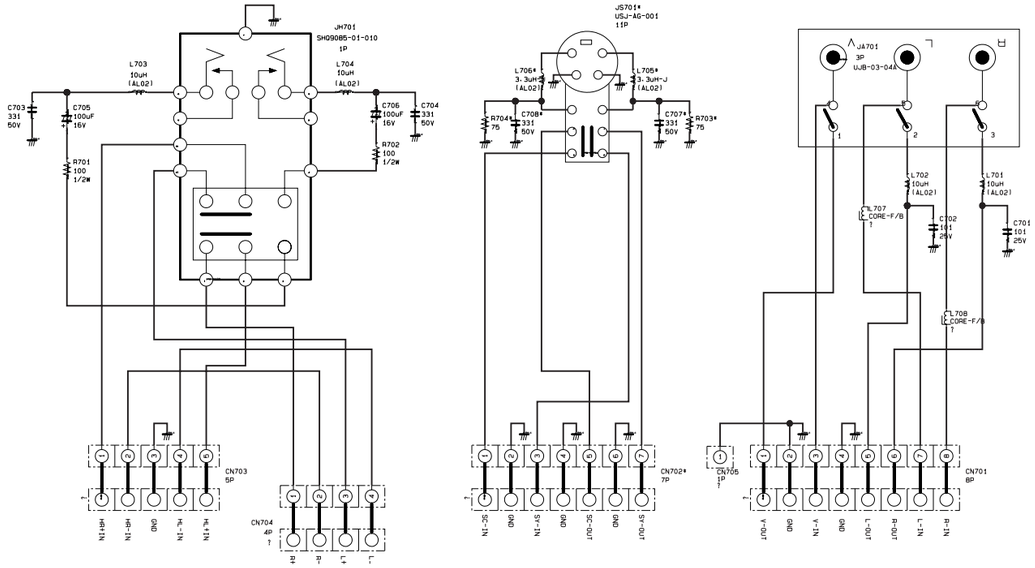
wtih out V/M



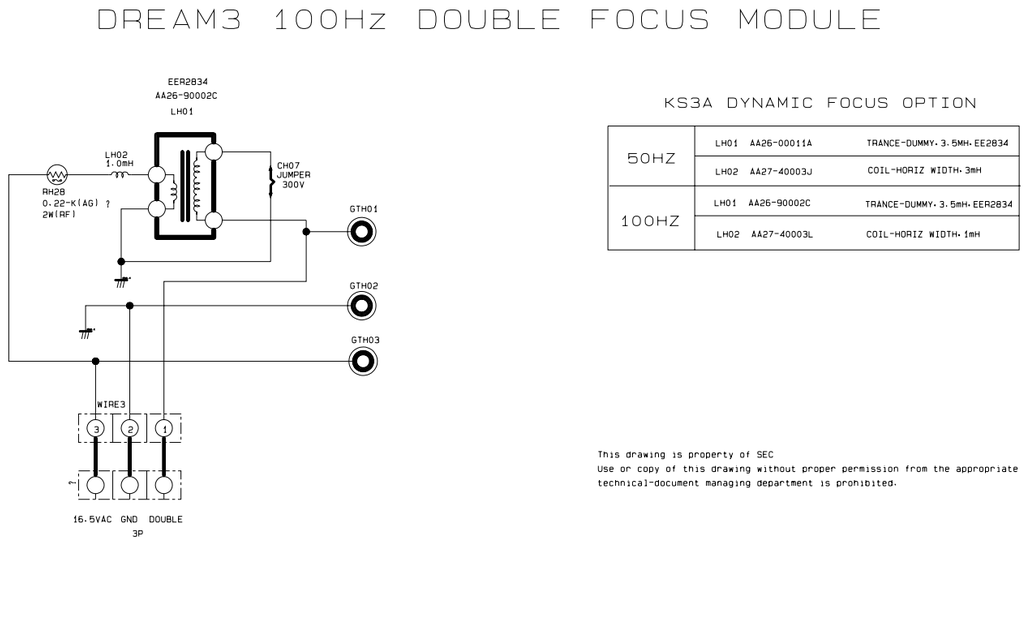
TP33	TP34	TP35
		

10-7 SIDE AV, DOUBLE FOCUS

SIDE AV



DOUBLE FOCUS



KS3A DYNAMIC FOCUS OPTION

50HZ	LH01 AA26-00011A	TRANCE-DUMMY, 3.5MH, EE2834
	LH02 AA27-40003J	COIL-HORIZ WIDTH, 3mH
100HZ	LH01 AA26-90002C	TRANCE-DUMMY, 3.5mH, EER2834
	LH02 AA27-40003L	COIL-HORIZ WIDTH, 1mH

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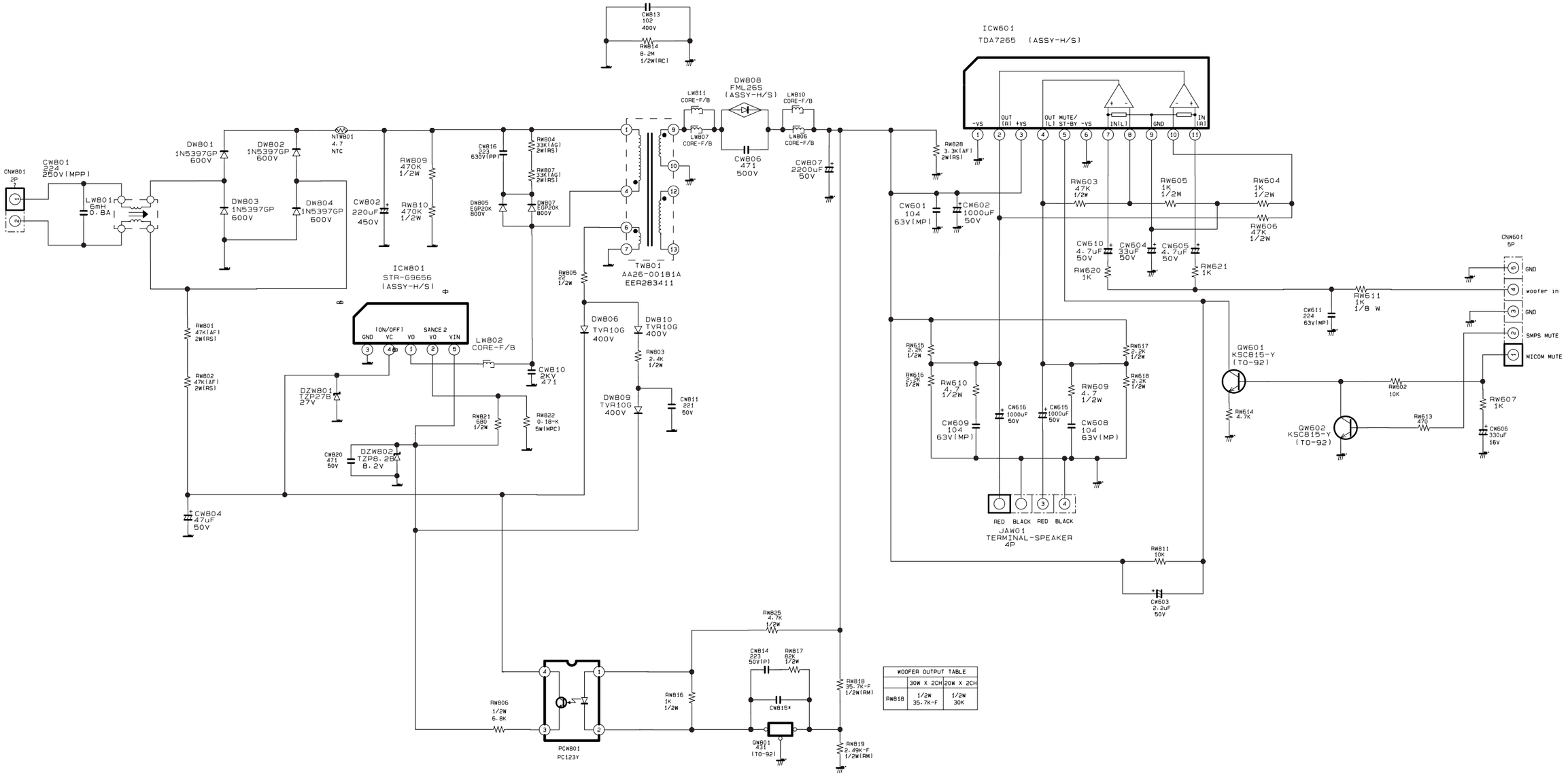
technical-document managing department is prohibited.

10-8 WOOFER



WOOFER OUTPUT TABLE		
	30W X 2CH	20W X 2CH
RW818	1/2W 35.7K-F	1/2W 30K